



FORM HDP-1449 (Based on Form PTO-1449)

PATENT AND TRADEMARK OFFICE  
INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

Sheet 1 of 6

ATTORNEY DOCKET NO.

4022-000003/DVC

SERIAL NO.

10/784,090

APPLICANT

Henry W. Bonk et al.

FILING DATE

February 20, 2004

GROUP

~~Unknown~~ 1772

## U.S. PATENT DOCUMENTS

Ref. Desig.	Examiner's Initials	Document Number	Date	Name	Class/ Subclass	(If appropriate) Filing Date
1.	WBA	3,718,494	02/27/73	Jacobson		
2.		4,082,854	04/04/78	Yamada et al.		
3.		4,219,945	09/02/80	Rudy		
4.		4,257,176	03/24/81	Hartung et al.		
5.		4,340,626	07/10/80	Rudy		
6.		4,344,987	08/17/82	Ostertag et al.		
7.		4,423,185	12/27/83	Matsumoto et al.		
8.		4,429,076	01/31/84	Saito et al.		
9.		4,501,790	02/26/85	Aizawa et al.		
10.		4,513,058	04/23/85	Martin		
11.		4,536,425	08/20/85	Hekal		
12.		4,551,518	11/5/85	Matsumoto et al.		
13.		4,557,859	12/10/85	Maeda et al.		
14.		4,610,099	09/09/86	Signori		
15.		4,614,208	09/30/86	Skarelius		
16.		4,639,471	01/27/87	Hirai et al.		
17.		4,660,831	04/28/87	Kralik		
18.		4,681,797	07/21/87	Van Iseghem		
19.		4,692,361	09/08/87	Johnston et al.		
20.		4,722,131	02/02/88	Huang		
21.	✓	4,731,289	03/15/88	Coleman		

Examiner:

Date Considered:

07/06/05

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Sheet 2 of 6

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~~Unknown~~ 1772**U.S. PATENT DOCUMENTS**

Ref. Desig.	Examiner's Initials	Document Number	Date	Name	Class/ Subclass	(If appropriate) Filing Date
22.	W.B.A.	4,786,685	11/22/88	Takida et al.		
23.		4,864,738	09/12/89	Horovitz		
24.		4,874,670	10/17/89	Boon et al.		
25.		4,887,367	12/19/89	Mackness et al.		
26.		4,890,822	01/02/90	Ezure et al.		
27.		4,927,689	05/22/90	Markiewicz		
28.		4,936,029	06/26/90	Rudy		
29.		4,960,639	10/02/90	Oda et al.		
30.		4,978,394	12/18/90	Ostertag et al.		
31.		4,999,229	03/12/91	Moritani et al.		
32.		5,003,002	03/26/91	Ofstein		
33.		5,030,404	07/09/91	Bonnebat et al.		
34.		5,036,110	07/30/91	Moureaux		
35.		5,036,113	07/30/91	Boon et al.		
36.		5,036,603	08/06/91	Dischler		
37.		5,042,176	08/27/91	Rudy		
38.		5,042,781	08/27/91	Ezure et al.		
39.		5,053,455	10/01/91	Kroggel et al.		
40.		5,059,245	10/22/91	Phillips et al.		
41.	✓	5,090,010	02/18/92	Takahashi		

Examiner:

*Walter Blythe*

Date Considered:

07/06/05

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	4022-000003/DVC	10/784,090
	APPLICANT	
	Henry W. Bonk et al.	
	FILING DATE	GROUP
	February 20, 2004	<del>Unknown</del> 772

U.S. PATENT DOCUMENTS						
Ref. Desig.	Examiner's Initials	Document Number	Date	Name	Class/ Subclass	(If appropriate) Filing Date
42.	WBA	5,096,756	03/17/92	Walters		
43.		5,157,082	10/20/92	Johnson		
44.		5,181,717	01/26/93	Donntag		
45.		5,198,042	03/30/93	Masumoto et al.		
46.		5,215,124	06/01/93	Hattori et al.		
47.		5,246,761	09/21/93	Sasaki		
48.		5,292,824	03/08/94	Nagai et al.		
49.		5,294,112	03/15/94	Smith		
50.		5,300,334	04/05/94	Niederst et al.		
51.		5,332,767	07/26/94	Reisser et al.		
52.		5,346,950	09/13/94	Negi et al.		
53.		5,393,832	02/28/95	Moulies et al.		
54.		5,409,041	04/25/95	Yoshida et al.		
55.		5,416,988	05/23/95	Potter et al.		
56.		5,429,852	07/04/95	Quinn		
57.		5,436,295	07/25/95	Nishikawa et al.		
58.		5,456,787	10/10/95	Myles		
59.		5,458,935	10/17/95	Aizner		
60.		5,462,980	10/31/95	Bastioli et al.		
61.	✓	5,489,455	02/06/96	Nugent, Jr. et al.		

Examiner: <i>Mark Blythe</i>	Date Considered: 07/06/05
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Henry W. Bonk et al.

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~~Unknown~~ 1772**U.S. PATENT DOCUMENTS**

Ref. Desig.	Examiner's Initials	Document Number	Date	Name	Class/ Subclass	(If appropriate) Filing Date
62.	WBA	5,498,662	03/12/96	Tanaka et al.		
63.		5,532,284	07/02/96	Bartlett et al.		
64.		5,540,770	07/30/96	Schmid et al.		
65.		5,567,489	10/22/96	Allen et al.		
66.		5,578,372	11/26/96	Murakami		
67.		5,591,798	01/07/97	Patel		
68.		5,601,889	02/11/97	Chundury et al.		
69.		5,609,962	03/11/97	Ouhadi		
70.		5,612,101	03/18/97	Furuta et al.		
71.		5,633,065	05/27/97	Matsukura et al.		
72.		5,645,923	07/08/97	Matsuo et al.		
73.		5,648,149	07/15/97	Rukavina		
74.		5,662,738	09/02/97	Schmid et al.		
75.		5,693,424	12/02/97	Watanabe et al.		
76.		5,700,560	12/23/97	Kotani et al.		
77.		5,713,141	02-03-98	Mitchell		
78.		5,952,065	09/14/99	Mitchell et al.		
79.		5,952,065	09/14/99	Mitchell et al.		
80.		6,013,340	01/11/00	Bonk et al.		
81.	✓	6,321,465	11/27/01	Bonk et al.		

Examiner:

*Mark Blythe*

Date Considered:

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	4022-000003/DVC	10/784,090
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	Henry W. Bonk et al.	
	FILING DATE	GROUP
	February 20, 2004	Unknown 1772

U.S. PATENT DOCUMENTS						
Ref. Desig.	Examiner's Initials	Document Number	Date	Name	Class/ Subclass	(If appropriate) Filing Date
82.	WBA	6,391,405	05/21/02	Bonk et al.		
83.		6,599,597	07/29/03	Bonk et al.		
84.		6,730,379	05/04/04	Bonk et al.		

FOREIGN PATENT DOCUMENTS							
Ref. Desig.	Examiner's Initials	Document Number	Date	Country	Class/ Subclass	Translation Yes	No
1.	WBA	58-22163 (with English Translation)	02/09/83	Japan		X	
2.	WBA	59-196706 (with English Translation)	11/08/84	Japan		X	
3.	WBA	59-116145 (with Derwent Abstract)	05/27/87	Japan			X
4.	WBA	2,636,638	03/23/90	France		X	
5.	WBA	EP 624463 (with Derwent Abstract)	28/04/94	Europe			X
6.	WBA	WO 8705563	09/24/87	PCT Application			
7.	WBA	52-069486 (with copy of (Derwent Abstract)	06/09/77	Japan			X
		<del>62-253428</del>					
		<del>(Patent Abstracts of Japan, Vol. 12, No. 131 (M-688), 22 April 1988)</del>					
8.			11/05/87	Japan			

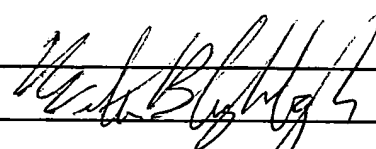
Examiner: <i>W. B. Blythe</i>	Date Considered: 07/06/05
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FOREIGN PATENT DOCUMENTS							
Ref. Desig.	Examiner's Initials	Document Number	Date	Country	Class/ Subclass	Translation Yes No	
9.	WBA	2,123,053	94/05/06	Canada			
10.	WBA	52-69486 (with copy of Derwent Abstract)	1977	JP duplicate			X

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)		
Ref. Desig.	Examiner's Initials	
1.	WBA	Bayer Sales Brochure, Engineering Polymers Properties Guide, Thermoplastics and Thermosets, May 1995, 3 pages
2.	WBA	Encyclopedia of Polymer Science and Engineering, Herman F., Mark et al., eds., 2d Ed., pp. 615-617 & 509 (1985)
3.	WBA	Hawley's Condensed Chemical Dictionary, pps. 291,737 (rev. by Richard J. Lewis, Sr., 12th ed., 1993)
4.	WBA	McGraw-Hill Dictionary of Scientific and Technical Terms, Sybil P. Parker, ed. 5th ed. 1994

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